
Transporting bundles of bars in steel mills

Tough and rugged – steel mill applications

TRUNINGER magnet systems can be used in steel mills to carry out all sorts of transport jobs as soon as the bars have been produced.

Specific features of the magnet systems designed for such applications include robust spreader beam construction and resilient magnet design, for use on cold as well as hot material.



Figure 1: Storing bundles of still hot bars between uprights

Application areas

Typical application areas for such systems are the internal handling processes within the individual stages of production.

Continuous, reliable removal of bar products from a non-stop production line.

Plus handling operations in the loading bays.



Figure 2: Magnet spreader beam for moving double bar bundles

Advantages of magnet systems

- Bar bundles of varying lengths can be carried thanks to a flexible spreader beam design
- Individual control of the magnets / magnet groups enables almost any size of bar to be carried and considerably improves material handling
- No aisles required between stacks
- Heat-resistant magnets make it possible to handle material with a temperature of up to 600°C (see 'Load temperature > 120°C' document)
- Easy operation of the system via the crane cabin enables high crane speeds

Your benefits

- Fewer accidents and increased safety
- More compact storage
- Faster handling speed
- Lower personnel costs